

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 25, 2003, 14:42:11 ; Search-time 10.907 Seconds
(without alignments)
283.251 Million cell updates/sec

Title: US-09-622-613b-13

Perfect score: 582

Sequence: 1 MSMDLTFQKKHLTNTRDVC.....TFCVTCENQAPVHVGVC GHC 105

Scoring table:

Gapop 10.0, Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Database:

Issued_Patents_AA:*
1: /cgn2_6/ptodata/1/1aa/5A.COMB.pep:*
2: /cgn2_6/ptodata/1/1aa/5B.COMB.pep:*
3: /cgn2_6/ptodata/1/1aa/6A.COMB.pep:*
4: /cgn2_6/ptodata/1/1aa/6B.COMB.pep:*
5: /cgn2_6/ptodata/1/1aa/PTUS.COMB.pep:*
6: /cgn2_6/ptodata/1/1aa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	560	96.2	112	3	US-08-875-811-32
2	560	96.2	251	3	US-08-875-811-59
3	560	96.2	251	3	US-08-875-811-61
4	560	96.2	355	3	US-08-875-811-49
5	560	96.2	355	3	US-08-875-811-57
6	560	96.2	355	3	US-08-875-811-64
7	560	96.2	366	3	US-08-875-811-55
8	556	95.5	104	1	US-08-467-955-2
9	556	95.5	105	3	US-08-875-811-39
10	556	95.5	355	3	US-08-875-811-41
11	556	95.5	358	3	US-08-875-811-51
12	555	95.4	105	3	US-08-875-811-26
13	551	94.7	104	1	US-08-283-971-1
14	551	94.7	104	1	US-07-921-619-1
15	551	94.7	104	1	US-08-467-955-1
16	551	94.7	104	2	US-08-891-848-13
17	551	94.7	104	3	US-08-875-811-1
18	551	94.7	104	4	US-09-394-268-1
19	551	94.7	104	4	US-09-071-672-1
20	551	94.7	104	4	US-09-687-748-1
21	551	94.7	106	3	US-08-875-811-28
22	551	94.7	107	3	US-08-875-811-30
23	551	94.7	129	3	US-08-875-811-63
24	551	94.7	358	3	US-08-875-811-45
25	551	94.7	365	3	US-08-875-811-53
26	551	94.7	379	3	US-08-875-811-43
27	549	94.3	105	3	US-08-875-811-24

28	543	93.3	104	4	US-09-394-268-2	Sequence 2, Appl
29	543	93.3	104	3	US-09-687-748-2	Sequence 2, Appl
30	532	91.4	107	3	US-08-875-811-20	Sequence 20, Appl
31	499	85.7	360	3	US-08-875-811-47	Sequence 47, Appl
32	484.5	83.2	111	3	US-08-875-811-22	Sequence 22, Appl
33	445	76.5	83	3	US-08-875-811-2	Sequence 2, Appl
34	445	76.5	83	4	US-09-071-672-3	Sequence 3, Appl
35	287	49.3	111	2	US-08-891-848-12	Sequence 12, Appl
36	287	49.3	111	3	US-08-875-811-8	Sequence 8, Appl
37	216.5	37.2	114	4	US-09-223-118-4	Sequence 4, Appl
38	204.5	35.1	114	4	US-09-223-118-2	Sequence 2, Appl
39	203.5	35.0	114	4	US-09-223-118-3	Sequence 3, Appl
40	201.5	34.6	114	4	US-09-223-118-1	Sequence 1, Appl
41	157.5	27.1	169	1	US-08-441-629-2	Sequence 2, Appl
42	157.5	27.1	169	3	US-08-776-207-2	Sequence 2, Appl
43	157.5	27.1	169	4	US-09-507-773-2	Sequence 2, Appl
44	157.5	27.1	169	5	PCT-US95-09172-2	Sequence 2, Appl
45	144	24.7	28	3	US-08-875-811-3	Sequence 3, Appl

ALIGNMENTS

RESULT 1
US-08-875-811-32
Sequence 32, Application US/08875811.
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Bogue, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Paris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 112 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-32
Query Match 96.2%, Score 560, DB 3, Length 112;
Best Local Similarity Pred. No. 8e-61;

QY 1 MSDLFQFKHLLNTRPVDCNNINMISNINLFPCKCKKNFPIYSRPPVPAICKGIIASNNVLT 60
Dd 8 MSDLFQFKHLLNTRPVDCNNINMISNINLFPCKCKKNFPIYSRPPVPAICKGIIASNNVLT 67
QY 61 TSFEYISLDCNVNTRSPCKRYKKLKSTNFCYTCGCEQAAVPHVGVGHC 105
Dd 68 TSFEYISLDCNVNTRSPCKRYKKLKSTNFCYTCGCEQAAVPHVGVGSC 112

US-08-875-811-59

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1 / Sequence 59, Application US/08875811
2 / Patent No. 6045793
3 /
4 / GENERAL INFORMATION:
5 / APPLICANT: Rybak, Susanna M.
6 / APPLICANT: Newton, Dianne L.
7 / APPLICANT: Boque, Lluís
8 / APPLICANT: Wlodawer, Alexander
9 / TITLE OF INVENTION: Recombinant Ribonuclease Proteins
10 / NUMBER OF SEQUENCES: 64
11 /
12 / CORRESPONDENCE ADDRESS:
13 / ADDRESSEE: Townsend and Townsend and Crew LLP
14 / STREET: Two Embarcadero Center, Eighth Floor
15 / CITY: San Francisco
16 / STATE: California
17 / COUNTRY: USA
18 / ZIP: 94111-3834
19 /
20 / COMPUTER READABLE FORM:
21 / MEDIUM TYPE: Floppy disk
22 / COMPUTER: IBM PC compatible
23 / OPERATING SYSTEM: PC-DOS/MS-DOS
24 / SOFTWARE: PatentIn Release #1.0, Version #1.30
25 / CURRENT APPLICATION DATA:
26 / APPLICATION NUMBER: US/08/875, 811
27 / FILING DATE: 19-FEB-1998
28 /
29 / CLASSIFICATION: 435
30 /
31 / PRIOR APPLICATION DATA:
32 / APPLICATION NUMBER: WO PCT/US97/02588
33 / FILING DATE: 19-FEB-1997
34 /
35 / PRIOR APPLICATION DATA:
36 / APPLICATION NUMBER: US 60/011,800
37 / FILING DATE: 21-FEB-1996
38 /
39 / ATTORNEY/AGENT INFORMATION:
40 / NAME: Paris, Susan K.
41 / REGISTRATION NUMBER: 41,739
42 / REFERENCE/DOCKET NUMBER: 015280-244100US
43 / TELECOMMUNICATION INFORMATION:
44 / TELEPHONE: (415) 576-0200
45 / TELEFAX: (415) 576-0300
46 /
47 / INFORMATION FOR SEQ ID NO: 59:
48 / SEQUENCE CHARACTERISTICS:
49 / LENGTH: 251 amino acids
50 / TYPE: amino acid
51 / TOPOLOGY: linear
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53 / MOLECULE TYPE: protein
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Query Match	96.28;	Score 560;	DB 3;	Length 251
Best Local Similarity	96.28;	Pred. No. 2.3e-60;		
Matches 101; Conservative	2;	Mismatches 2;	Indels	

Matches	101	Conservative	2	Mismatches	2	Indels	0	Gaps	0
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QY	Db	QY
1 MSQWLTFQKKHLITNTRDVCNNIMSTNLFHCKDKNTFLYSPEEPVAKICGIIASKNVLT 60	147 MSQWLTFQKKHLITNTRDVCNNIMSTNLFHCKDKNTFLYSPEEPVAKICGIIASKNVLT 206	61 TSEFLTSCNVTSRPCKYKLLKKSNTFCVTCENAPVHEVGVGHC 105
207 TSEFLTSCNVTSRPCKYKLLKKSNTFCVTCENAPVHEVGVGSC 251		

RESULT, 3

US-08-875-811-61

? Sequence 61, Application US/08875811
 ? Patent No. 6045793
 ?
 ? GENERAL INFORMATION:
 ?
 ? APPLICANT: Rybak, Susanna M.
 ? APPLICANT: Newton, Dianne L.
 ? APPLICANT: Boque, Julius
 ? APPLICANT: Mlodawer, Alexander
 ? TITLE OF INVENTION: Recombinant Ribonuclease Proteins
 ? NUMBER OF SEQUENCES: 64
 ? CORRESPONDENCE ADDRESS:
 ? ADDRESSEE: Townsend and Townsend and Crew LLP
 ? STREET: Two Embarcadero Center, Eighth Floor
 ? CITY: San Francisco
 ? STATE: California
 ? COUNTRY: USA
 ? ZIP: 94111-3834
 ?
 ? COMPUTER READABLE FORM:
 ? MEDIUM TYPE: Floppy disk
 ? COMPUTER: IBM PC compatible
 ? OPERATING SYSTEM: PC-DOS/MS-DOS
 ? SOFTWARE: PatentIn Release #1.0, Version #1.30
 ? CURRENT APPLICATION DATA:
 ? APPLICATION NUMBER: US/08/875,811
 ? FILING DATE: 19-FEB-1998
 ? CLASSIFICATION: 435
 ? PRIOR APPLICATION DATA:
 ? APPLICATION NUMBER: WO PCT/US97/02588
 ? FILING DATE: 19-FEB-1997
 ? PRIOR APPLICATION DATA:
 ? APPLICATION NUMBER: US 60/011,800
 ? FILING DATE: 21-FEB-1996
 ? ATTORNEY/AGENT INFORMATION:
 ? NAME: Faris, Susan K.
 ? REGISTRATION NUMBER: 41,739
 ? REFERENCE/DOCKET NUMBER: 015280-244100US
 ? TELECOMMUNICATION INFORMATION:
 ? TELEPHONE: (415) 576-0200
 ? TELEFAX: (415) 576-0300
 ? INFORMATION FOR SEQ ID NO: 61:
 ? SEQUENCE CHARACTERISTICS:
 ? LENGTH: 254 amino acids
 ? TYPE: amino acid
 ? TOPOLOGY: linear
 ?
 ? MOLECULE TYPE: protein
 ?
 ? US-08-875-811-61

Query Match
Best Local

Query Match	96.2%	Score 560;	DB 3;	Length 254;
Best Local Similarity	-96.2%	Pred. NO.	2.3e-60;	
Matches 101;	Conservative	2;	Mismatches 2;	Indels 0;
				Gaps 0;

mismatches	10;	conservative	2;	mismatches	2;	indels	0;	caps	0;
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[illegible]

RESULT 4
US-08-875-811-49

Sequence 49, Application US/08875811

GENERAL INFORMATION:

APPLICANT: Newton, Dianne L.

APPLICANT: Boque, Luis

TITLE OF INVENTION: Recombinant Ribonuclease Proteins

CORRESPONDENCE ADDRESS:

STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Faris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-49

Query Match 96.2%; Score 560; DB 3; Length 355;
Best Local Similarity 96.2%; Pred. No. 3,6e-60;
Matches 101; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 MSDMLTQCKKHLNTRVDVCDNNINSTNLFHCKDKNTFTYSRPEVKAICKGIISKVLT 60
DB 251 MSCLWTQCKKHLNTRVDVCDNNINSTNLFHCKDKNTFTYSRPEVKAICKGIISKVLT 310
QY 61 TSEFYLSDCNVTSRCKYKLLKSKNTFCVTCENQAPVHFVGVGC 105
DB 311 TSEFYLSDCNVTSRCKYKLLKSKNTFCVTCENQAPVHFVGVGC 355

RESULT 5
US-08-875-811-57
Sequence 57, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Bogue, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811

FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Faris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-57

Query Match 96.2%; Score 560; DB 3; Length 355;
Best Local Similarity 96.2%; Pred. No. 3,6e-60;
Matches 101; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 MSDMLTQCKKHLNTRVDVCDNNINSTNLFHCKDKNTFTYSRPEVKAICKGIISKVLT 60
DB 1 MSDMLTQCKKHLNTRVDVCDNNINSTNLFHCKDKNTFTYSRPEVKAICKGIISKVLT 60
QY 61 TSEFYLSDCNVTSRCKYKLLKSKNTFCVTCENQAPVHFVGVGC 105
DB 61 TSEFYLSDCNVTSRCKYKLLKSKNTFCVTCENQAPVHFVGVGC 105

RESULT 6
US-08-875-811-64
Sequence 64, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Bogue, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Faris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US

TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Protein
LOCATION: 1..355
OTHER INFORMATION: /note="E6FB[Met-(-1)]SerTronc"
US-08-875-811-64

Query Match 96.2%; Score 560; DB 3; Length 355;
Best Local Similarity 96.2%; Pred. No. 3.6e-60;
Matches 101: Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 1 MSDMLTFQKHHTTRDVDCNNIMSTNLFHCKDKNTFYTSRPEPKAICKGIISKNVLT 60
|||||
DB 251 MSDMLTFQKHHTTRDVDCNNIMSTNLFHCKDKNTFYTSRPEPKAICKGIISKNVLT 310
OY 61 TSEFYLSDCNVTSRPCKYKLLKSTNTFCVTCENQAPVHFGVGC 105
|||||
DB 311 TSEFYLSDCNVTSRPCKYKLLKSTNTFCVTCENQAPVHFGVGC 355

RESULT 7
US-08-875-811-55
Sequence 55, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Boque, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Faris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 366 amino acids
TYPE: amino acid

TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-55

Query Match 96.2%; Score 560; DB 3; Length 366;
Best Local Similarity 96.2%; Pred. No. 3.8e-60;
Matches 101: Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 1 MSDMLTFQKHHTTRDVDCNNIMSTNLFHCKDKNTFYTSRPEPKAICKGIISKNVLT 60
|||||
DB 262 MSDMLTFQKHHTTRDVDCNNIMSTNLFHCKDKNTFYTSRPEPKAICKGIISKNVLT 321
OY 61 TSEFYLSDCNVTSRPCKYKLLKSTNTFCVTCENQAPVHFGVGC 105
|||||
DB 322 TSEFYLSDCNVTSRPCKYKLLKSTNTFCVTCENQAPVHFGVGC 366

RESULT 8
US-08-467-955-2
Sequence 2, Application US/08467955
Patent No. 5728605
GENERAL INFORMATION:
APPLICANT: Ardelt Ph.D. Wojciech J.
TITLE OF INVENTION: PHARMACEUTICALS AND METHOD FOR MAKING THEM
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark H. Jay, P.A.
STREET: P.O. Box E
CITY: Short Hills
STATE: New Jersey
COUNTRY: USA
ZIP: 07078-0383
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,955
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/178,118
FILING DATE: 06-APR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,141
FILING DATE: 13-NOV-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/814,332
FILING DATE: 03-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/283,970
FILING DATE: 01-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Jay, Mark H.
REGISTRATION NUMBER: 27507
REFERENCE/DOCKET NUMBER: 5007 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-912-9066
TELEFAX: 201-912-0442
TELEX: No. 5728805 Applicable
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: N
ANTI-SENSE: N
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Rana pipiens

DEVELOPMENTAL STAGE: Oocyte
US-08-467-955-2

Query Match 95.5%: Score 556; DB 1; Length 104;
Best Local Similarity 97.1%: Pred. No. 2.2e-60;
Matches 100; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3 DWLTFQKHLTNFQVDCNNIMSTNLFHCKDKNTFIYSRPEPVKAICGIIASKNVLTTS 62
|||||
DB 2 DWLTFQKHLTNFQVDCNNIMSTNLFHCKDKNTFIYSRPEPVKAICGIIASKNVLTTS 61

QY 63 EFTLSDCNVTSRPPCKYKLLKSTNFCVTCENQAPVHFVGVGHC 105
|||||
DB 62 EFTLSDCNVTSRPPCKYKLLKSTNFCVTCENQAPVHFVGVGHC 104

RESULT 9
US-08-875-811-39
Sequence 39, Application US/08875811
Patent No. 6045793

GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Bogue, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Paris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ. ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 105 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-39

Query Match 95.5%: Score 556; DB 3; Length 105;
Best Local Similarity 95.2%: Pred. No. 2.3e-60;
Matches 100; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 MSWLTFQKHLTNFQVDCNNIMSTNLFHCKDKNTFIYSRPEPVKAICGIIASKNVLT 60
|||||
DB 1 MSWLTFQKHLTNFQVDCNNIMSTNLFHCKDKNTFIYSRPEPVKAICGIIASKNVLT 60

QY 61 TSEFYLSDCNVTSRPPCKYKLLKSTNFCVTCENQAPVHFVGVGHC 105

|||||
DB 61 TSEFYLSDCNVTSRPPCKYKLLKSTNFCVTCENQAPVHFVGVGHC 105

RESULT 10
US-08-875-811-41
Sequence 41, Application US/08875811
Patent No. 6045793

GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Bogue, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Paris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ. ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-41

Query Match 95.5%: Score 556; DB 3; Length 355;
Best Local Similarity 95.2%: Pred. No. 1.1e-59;
Matches 100; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 MSWLTFQKHLTNFQVDCNNIMSTNLFHCKDKNTFIYSRPEPVKAICGIIASKNVLT 60
|||||
DB 251 MSWLTFQKHLTNFQVDCNNIMSTNLFHCKDKNTFIYSRPEPVKAICGIIASKNVLT 310

QY 61 TSEFYLSDCNVTSRPPCKYKLLKSTNFCVTCENQAPVHFVGVGHC 105
|||||
DB 311 TSEFYLSDCNVTSRPPCKYKLLKSTNFCVTCENQAPVHFVGVGHC 355

RESULT 11
US-08-875-811-51
Sequence 51, Application US/08875811
Patent No. 6045793

GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Bogue, Luis

```

      COMPUTER: IBM PC compatible
      OPERATING SYSTEM: PC-DOS/MS-DOS
      SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
      APPLICATION NUMBER: US/08/875,811
      FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
      APPLICATION NUMBER: WO PCT/US97/02588
      FILING DATE: 19-FEB-1997
Prior Application Data:
      APPLICATION NUMBER: US 60/011,800
      FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
      NAME: Paris, Susan K.
      REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-24410005
TELECOMMUNICATION INFORMATION:
      TELEPHONE: (415) 576-0200
      TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 26:
      SEQUENCE CHARACTERISTICS:
        LENGTH: 105 amino acids
        TYPE: amino acid
        TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-26

Query Match          95.4% Score 555; DB 3; Length 105;
Best Local Similarity 95.2%; Pred. No. 3e-60;
Matches 100; Conservative 2; Mismatches 3; Indels 0; Gaps 0.

QY      1 MSDWLTPQKKHLTNTRDVCNNIMSTNLFHCKDKNTFTYSRPEPKAIICKGIASKNVLT 60
         |||||.....|||||.....|||||.....
DB       1 MSDWLTFGKHHITNRDVDCNMISTNFLFHCKDKNTFTYSRPEPKAIICKGIASKNVLT 60
QY      61 TSEFLSDCANTSRPCKTKLKASTNTFCVTCENAPVHFVGVC 105
         |||||.....|||||.....|||||.....
DB       61 TSEFLSDCANVTSRPCKTKLKASTNTFCVTCENAPVHFVGVC 105

RESULT 13
US-08-283-971-1
Sequence 1, Application US/08283971
Patent No. 5529775
GENERAL INFORMATION:
APPLICANT: Ardelt Ph.D., Wojciech J.
APPLICANT: Mikulski, Stanislaw M.
TITLE OF INVENTION: PHARMACEUTICAL FOR TREATING TUMORS IN HUMANS
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark H. Jay, P.C.
STREET: P.O. Box 020083, General Post Office
CITY: Brooklyn
STATE: New York
COUNTRY: USA
ZIP: 11202-0002
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/283,971
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/921,180
FILING DATE: 30-JUL-1992
APPLICATION NUMBER: US 07/178,118
FILING DATE: 06-APR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,141

```

FILING DATE: 13-NOV-1989
ATTORNEY/AGENT INFORMATION:
NAME: Jay, Mark H.
REGISTRATION NUMBER: 27507
REFERENCE/DOCKET NUMBER: 5006 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 718-625-0399
TELEFAX: 718-625-0399
TELEX: NO. 5529775 Applicable
INFORMATION FOR SRO ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: N
ANTI-SENSE: N
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Rana pipiens
DEVELOPMENTAL STAGE: Embryo
US-08-283-971-1

Query Match 94.7% Score 551; DB 1; Length 104;
Best Local Similarity 96.1%; Pred. No. 9, 1e-60;
Matches 99; Conservative 2; Mismatches 2; Indels 0; Caps 0;

OY 3 DWLTFQKKHITNRDVCNNIMSTNLFHCKDKNTFTYSRPEPKAICKGIASKNVLTTS 62
DB 2 DWLTFQKKHITNRDVCNNIMSTNLFHCKDKNTFTYSRPEPKAICKGIASKNVLTTS 61

OY 63 EFLTSDCNVTSRCKYKLRKSTNFTCVTCENQAPVHFVGHC 105
DB 62 EFLTSDCNVTSRCKYKLRKSTNFTCVTCENQAPVHFVGHC 104

RESULT 14
US-07-921-619-1
Sequence 1, Application US/07921619
Patent No. 5595734
GENERAL INFORMATION:
APPLICANT: Arcelt, Ph.D., Wojciech J.
APPLICANT: Mikulski, Stanislaw M.
TITLE OF INVENTION: PHARMACEUTICAL FOR TREATING TUMORS IN HUMANS
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark H. Jay, P.C.
STREET: P.O. Box 020083, General Post Office
CITY: Brooklyn
STATE: New York
COUNTRY: USA
ZIP: 11202-0002
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/921,619
FILING DATE: 19920728
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/178,118
FILING DATE: 06-APR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,141
FILING DATE: 13-NOV-1989
ATTORNEY/AGENT INFORMATION:
NAME: Jay, Mark H.
REGISTRATION NUMBER: 27507
REFERENCE/DOCKET NUMBER: 5005 US
TELECOMMUNICATION INFORMATION:

TELEPHONE: 718-625-0399
TELEFAX: 718-625-0399
TELEX: NO. 5595734 Applicable
INFORMATION FOR SRO ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: N
ANTI-SENSE: N
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Rana pipiens
DEVELOPMENTAL STAGE: Embryo
US-07-921-619-1

Query Match 94.7% Score 551; DB 1; Length 104;
Best Local Similarity 96.1%; Pred. No. 9, 1e-60;
Matches 99; Conservative 2; Mismatches 2; Indels 0; Caps 0;

OY 3 DWLTFQKKHITNRDVCNNIMSTNLFHCKDKNTFTYSRPEPKAICKGIASKNVLTTS 62
DB 2 DWLTFQKKHITNRDVCNNIMSTNLFHCKDKNTFTYSRPEPKAICKGIASKNVLTTS 61

OY 63 EFLTSDCNVTSRCKYKLRKSTNFTCVTCENQAPVHFVGHC 105
DB 62 EFLTSDCNVTSRCKYKLRKSTNFTCVTCENQAPVHFVGHC 104

RESULT 15
US-08-467-955-1
Sequence 1, Application US/08467955
Patent No. 5728805
GENERAL INFORMATION:
APPLICANT: Arcelt, Ph.D., Wojciech J.
TITLE OF INVENTION: PHARMACEUTICALS AND METHOD FOR MAKING THEM
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark H. Jay, P.A.
STREET: P.O. Box E
CITY: Short Hills
STATE: New Jersey
COUNTRY: USA
ZIP: 07078-0383
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,955
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/178,118
FILING DATE: 06-APR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,141
FILING DATE: 13-NOV-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/814,332
FILING DATE: 03-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/283,970
FILING DATE: 01-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Jay, Mark H.
REGISTRATION NUMBER: 27507
REFERENCE/DOCKET NUMBER: 5007 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-912-9066

TELEFAX: 201-912-0442
TELEX: No. 5728805 Applicable
INFORMATION FOR SEQ ID NO.: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: N
ANTI-SENSE: N
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Rana pipiens
DEVELOPMENTAL STAGE: Oocyte
US-08-467-955-1

Query Match 94.7%; Score 551; DB 1; Length 104;
Best Local Similarity 96.1%; Pred. No. 9,1e-60;
Matches 99; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 3 DMLFFQKKHLLNTPEDVDCNNIMSTNLFHCKDKNTFTISRPEPVKAICKGIASKNVLTTS 62
|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 2 DMLFFQKKHLLNTPEDVDCNNIMSTNLFHCKDKNTFTISRPEPVKAICKGIASKNVLTTS 61
OY 63 EFYLSDCNVTSRPCKYKLLKSTNTFCVTCENQAPVHFVGVC 105
|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 62 EFYLSDCNVTSRPCKYKLLKSTNTFCVTCENQAPVHFVGVC 104

Search completed: June 25, 2003, 15:00:17
Job time : 11.907 secs